

Dr. 4950 - 4995

Dapauro Err

Japanso Cruixe 1906.

No. 6.

	2500	
	2600	
	2700	
	2800	-
+	2900	
	3000	
	3100	-
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DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
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600			1 2.	
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900				
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4950 Date 2/ Aug Machine. Reel. Zou Depth 52 Cor. + Shot or lead 35- x as S.S. Cuy Bottom an. Tr. Glob. Bottom temperature No. of thermometer 108/55 Cor. Corrected temperature 3809 Air 850 Surface 84° Drift Trawl or dredge 9 Agassia om , SOUNDING WIRE. DREDGE ROPE. an TURNS. DOWN. DOWN. 11.14.00 11.01.00 18.11.00 0 17.36 010 10.53 TOO 10.10 0.3.00 200 20,15 03.55 23.05 09.25 300 04.55 26.05 08.40 400 06.00 28.20 07.50 500 11.06.25 11.07.30 30.41 33.30 700 36.90 800 Strong C 900 11. 42.00/2 IIOO 1200 1300 any 2010 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 9---571

		2500	P.L.	9.6
,		2600	Weather	be 2
		2700	Wind	SW2
		2800	Sen	S
		2900	13 a.s.	29.81
		3000	Thr. atta.	840
		3100	Chart	150.130
		3200	Course	they will
	- ST	3300	Int. 310	
		3400	Ing . 131	0391 E
14		3500	OShima	Light
Market 1	- 360	3600	1/361/2	W Rise
1		3700	20 m	
104	S	3800		
1		3900	300	
		4000		

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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No. 7/ 1951 Date 21 Au Machine. Reel. Turns Cor. + Depth Shot or lead Bottom Bottom temperature No. of thermometer Corrected temperature Air Surface Trawl or dredse SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. DOWN. UP. well 0: 100 04 20 200 300 400 500 600 700 /800° 900 4/) 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2-571

	2500	11 00	9016
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	 2700	Wyne	2000
	2800	dia	1 A
100	2900	Ode	29.79
	3000	Liold	86
	 3100	laure	SE
	3200	Part	40/30
	3300	Zak	310/10//30
	3400	Long	131058
700	3500		a manage
	3600	Oth	my Lig
	3700	1154	10
	3800	dist	35. 77
	3900		
	4000		,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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1 Date

Machine. Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

	SOU	NDI	NG	WIF	E.		DREDGE ROPE.		
De	OWN.			t	P.	TURNS.	DOWN.	12	UP.
						0	3 3%	04-	20-
						100	40	1	17.
						200	424	1	14-
						300	452	0	11-
						400	3-4/0	14	-08-
						500			
						600			
						700	-		
						800	Jours	16:	32
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600		-	
		1				1700		-	
						1800			
						1900			
		-				2000			
						2100			
		1				2200			
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-571						2400			

	2500	1,
	2600	Charles be
	2700	and Lus
	2800	Lea D
	2900	19 m 29,29
	3000	Thwar-86
	3100	Causass E. to S
	3200	Charl HO 13
- demand	3300	Lat 3, 10'30
	3400	Lung 131°581
	3500	0
	3600	O Shina by
	3700	71540
	3800	dist 35.22
	3900	
	4000	

DEPTH.	TEMP Ches	NO, OF THER.	COR.	COR. TEMP.
12/2501		85.0		
	108021	84.3	-0.7	84.10
-100-	104914	85.8	-0.3	15.50
	108154	81.3	-0.2	81.10
	108156	65.0	-0.2	64.80
400	108013	34.0	-0.1	53.90
500-	108019	46.1	-0.3	45.90
-600-	108155	40.7	-0./	40.60
700-	98244	38.1	-0.10	38.00
800				
900 (	Water -	bottle on	lotto	en
1000				

Began lowering at 4-28-15-Last there down at 4-35-15-Began heaving in at 4-40-15-Last there what 4-49-00

No. 2. 4952 Date Cling 2.

Machine. Recl.

Turns Cor. +

Shot or lead

Bottom

Bottom temperature No. of thermometer

Depth

Corrected temperature

Air 85-0-

Air 85 Surface 84° Trawl or dredge His #2 and 3 to

SOUNDII	NG WIRE.		DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN. 23	/- UP.
		0	Out.	-J.z.
		100	7-31-30	7-31-3
\.	7.1	200		
\	- 1	300		
	A.	400		
	. 1 /	500		
	7	600		
	/	700		
)	1	800		
	er anne pe	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
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		2000		
		2100		
		2200		
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		1		

2400

2 571

2500		
2600 7	Weather 1	fe. 3
2700 7	Nind &	2.04.2
2800	sea s	2
2900	Bar. 2	9.7.8
3000 2	Ther. att. 8	6.0
3100	Course S.	x 8.
3200	Part H	0.1302
3300	Lat. 31	1º 19.N.
3400	Tons. 132	11 3112
3500		
3600		
3700		
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DEPTH.	TEMP.	NO, OF THER,	COR,	COR, TEMP.
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(INO Date de fine , Lucas Machine. Recl. Lucas Turns Cor. + Turns Cor. + Depth SO Depth 1350 fmo. En. F. fre. The Sk, S. Fr. Bottom temperature 35.9° No. of thermometer 1080/9 Corrected temperature 35.8° Air 85° Surface 86° Drift Trawl or dredge 9! Agassin. ALL DREDGE ROPE. SOUNDING WIRE. UP. TURNS. DOWN. DOWN. 7:45:00 6.11.00 9.14.45 1061.15 46.10 -09.53 17.15 17.11/3 1775 (11.1-200 48.15 " 1.711 08-30 ... 300 07.50 19.15 2.6. 7:-400 50.10 07.20 31. 1-. 500 51.10 06.25 74.55 . 600 0 = 41-. . . . . . 700 · >. 57.55 30 5 ... 05.00 . . 800 J. C. .04.20 900 03.40 10.00 19 : 1000 56.00 02.50 27. ". 15. 1100 57.05 02.00 · W 1200 01.10 (2., -1300 :57.40 8:00:30 1 5 . 1400 15.00 1500 T. C. 1. Co 1000 12 819:30 Stopped. 1700 to repair register 0: 1800 which failed to 4. 5. . . 1000 work. Lt 8.21.10 11 ..., 2000 Commence religion 2100 out agin, selling 2200 anish to 150 pm

2/07 ant 2/25 fra ...

in die rope.

2500
2600 Weather to
2700 Wind SW.
2800_ SeaS.
2900 Bar 29.84
3000 The atta 86°
3100 Chart 4.0.130
3200 Course PSC drefting in
3300 Lat. 31. 39. N
3400 Long. 1320 54140 ±
3500
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3900
4000

PEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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Machine. ... Reel.

Turns

Cor. + .. Shot or lead

Bottom An 200 Bottom temperature

No. of thermometer A. C. A.

Corrected temperature

Air

Depth

SOUNDI	NG WIRE.	TURNS.	DREDGE	ROPE.
nown.	UP.	TURNS.	DOWN.	/7_ UP.
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		100	1000	
		200		- 17
		300		
		400		. y
	-10	500		
	- 22	600	1 .	
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		1500		
		1600	,	
		1700	,	- 10
		1800	,004	,
		1900	6-6-7 1	
		2000 .	17-850	Francis Brown
		2100		
		2200		
		2300		

	2500		
	2600		
	2700		-
	2800	-	
	2900		
	3000	-	
	3100		
	3200		1.50
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	3,400	-227	
	3500		
	3600		
	3700	-	
	3800		
	3900		
	4000		

DEPTH.	TEMP.	NO, OF THER.	COR,	COR, TEMP.
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REMARKS:

1 1 Ather F

-celso 1 tearraceeda

1 495-5 Date ling 22, 1966 Machine. Reel. Cor. + Turns DepthShot or lead Bottom Bottom temperature No. of thermometer Cor. Corrected temperature Air 84.0 Surface 8 Trawl or dredge K's SOUNDING WIRE, DREDGE ROPE TURNS. DOWN. Z.M., UP. DOWN, UP. - Ozit - - Izi-7-30-17-17-30 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500

2500	
2600	P.L
2700	Weath 1
2800	Wind 1
2900	Sea S.
3000	3ar 200
 3100	The 1. 11 84
3200	Los Sain
3300	Irono 37 39 3
3400	Course
3500	Chart H.O. 130
3600	Bearing Si- anigu
3700	Jaki 1158 C.
3800	dictant 21,5
3900	
4000	

DEPTH.	TEMP.	NO. OF THER,	COR.	COR, TEMP.
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1000				

Most of Machine. Recl. Cor. + Depth 720 6 Turns Shot or lead 35-4 - . . 12-62. Tr. For. Bottom 37.60 Bottom temperature No. of thermometer 108/15. Cor. J7.50 Corrected temperature - Surface 83° Air 82 DriftTrawl or dredge 9' Com , SOUNDING WIRE. DREDGE ROPE TURNS. DOWN. UP. 8. 5: 1 ). (7) - (7) O 46.35 58.00 23.00 100 47.30 00.00 - 200 20.00 48-25 56.40 17.20 300 49.30 19. 40 -400 12-00 - 500 51.15 .54.25 19 45 0910 . 600 (1),00 700 ). [] ] 1. 300 17 10 8. 21. 900 4. ... 1000 C. .. 30 8.52.30 · 1100 1200 1300 T-100 x) Stopped 1500 engination 1600 ware which chas 1700 ed agains 1800 1000 2000 2100 2200 2300

2400

2500	
2600	Weather bez 6
2700	Wind N. 3:
2800	Se S.
2900	Bar 29.80
3000	Ther. atd. 820
3100	Chart 25.0.13.92.
3200	CALL YOU ZVIN
3300	Just 32 37 Y
3400	- 1, 1. (12) Million
3500	Migrenotto Shime It.
3600	1713 or 187 to 1/1 1872
3700	33000
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DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP
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900				
1000				

No. D. 4957. Date 28 Aug. 06.

Turns Cor. + Depth 437

Shot or lead 35- fr and 550

Bottom gn-b. TT. Fr. fnc. gn. S. Bottom temperature 39.9°

Bottom temperature ... 9,4

No. of thermometer 108/55. Cor. \_ . .

Corrected temperature 39.8°

Air 85° Surface 83° Drift

Trawl or dredge

. SOUND	ING WIRE.	TURNS,	DREDGE	ROPE.
DOWN.	UP.	TURNS,	DOWN.	UP.
	10,12,6	0	15.17.20	
	16.55		30.00.	
	16-10		32.40	73.
10,35	15.20		25.15	. 20.
11.40	1	400	38.00	17-
12.00	10.13.00	137500	40.40	
		600	(1.1)	11
		700	/ ÷ \	75
		800-	10.65.45	" >7
		900	= .2 ~	
•		1000		. 14
		1100		
		1200		
		1300		
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1	1		1
	2500		( . (
	2600	Wenthe	t
	2700	Wind	75, 41
	2800	See	
	2900	Bar.	
	3000	The Att.	651
	3100	.Chart	·
	3200	stone .:	T. 7. 7
	3300	Lat. "	15 .17
	3400	Long. Kit	1.0 .E
Triferio empresana per successiva de la secución de la composito de la composi	3500	Mizunot	Sections.
	3600	N22011	Ast white
Philipping and the control of the philipping and the control of th	3700	29-11	·~ ·
	3800		
	3900		
	4000		

EPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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900				
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Machine. Reel.

Turns. . . . Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature 4

Air Surface

Travel or dredge

SOUNDING	WIRE.		DREDGE	ROPE.
nown.	UP.	TURNS.	DOWN.	UP
	1/7	0		
0.0		100		
	7.0	200	11	
		300		
		400		_ 7
-		500		,
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		700		
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		1400		
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		1700		
		1800		
		1900		
		2000		
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71		2400		

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2800	
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3300	7 10
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3700	100
3800	- //
3900	
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DEPTH.	TEMP,	NO. OF THER.	COR.	COR. TEMP.
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1000				

Date 2 1 pg

Machine. Recl.

Turns Cor. +

Shot or lead

Bottom Bottom temperature

No. of thermometer

Corrected temperature Air

Surface

Depth

SOUNDING WII	RE.	DREDGE	ROPE.
DOWN.	JP. TURNS,	DOWN.	Ul
	0		
	100		
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-2-1		3300		14 16 2
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*		3600		- 0
		3700	4.00 . 100	
		3800		
		3900 = 2	13	
		4000		

EPTII.	TEMP.	NO. OF THER.	COR,	COR, TEMP,
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900				
1000				

No. 114960 Date

Machine. Recl.

Turns Cor. + Depth

Shot or lead 55-Bottom as has

Bottom temperature

No. of thermometer 10 3

Cor.

Corrected temperature

Air 83° Surface 82

Trawl or dredge SOUNDING WIDE

SOUNDING WIRE.		muna.c	DREDGE	ROPE.
DOWN. UP.		TURNS.	DOWN.	UP.
-		0	F155 to F	./-'
- 1		100	201	1.3 /.
	0.0	200	15	66
V .		300		
		400	1 3	1. 1 - 15
		500	1 10-	<i>/</i> *
		600	0 1	34 11
		700	19.4	2 ' ,
		800		, , , , ,
		900	8	
		1000	11 - 1	
		1100		
		1200		
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2 - 671		2400		

	2500	
	2600	215° 4
	2700	2, 1.
	2800	e: Ì
	2900	2% ~
***	/ . 3000	5-/8
•	3100	
	3200	1.00 / . 10
*****************	3300	32 34 1
	3400	117 21 1
	3500	Sin to some
	3600	,14.
	3700	
	3800	25.1
	3900	
	4000	

DEPTH.	TEMP.	NO. OF THER.	COR,	COR, TEMP.
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600		110	11	
700	111			
800		t		
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1000		. 1		

No. D. 4/6/ Dute 27 Stag 1906. T.N. Machine. Recl. Depth . 33 fno Turns Cor. + Shot or lead Vity y. S. S. C. K. Bottom fre 97. S. Sy. Bottom temperature 70.3 No. of thermometer 108/55. Cor. Corrected temperature 70% / Air 82 Surface 78 Drift Trawl or dredge 9 Agass 2; TURNS. SYA. DREDGE ROPE. SOUNDING WIRE. V. 15 Us 2. 1. 15 0 2.10.60 2 2.50 2. 15.15 2.15. 50 33 100 7.72.30 7. 1/2.30 . 20 min. 300 400 500 600 700 800 900 TOOO TTOO 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100

> 2200 2300 2400

	2500	6.2	66.1
	2600	Weather	5c.
	2700	71500	57.7
	2800	San	S.
· · · · · · · · · · · · · · · · · · ·	2900	Ber	29.83
	3000	Theo. atta.	800
	3100	Chart	10. 54.2.6
The bloom as a second s	3200	Course PSC	STOP S
	3300	Lat. 34	Det / 1
	3400	Iong. 134	12/00
	3500	Vomaga S	•
	3600	N/8° E (E	3167.8.32
	3700	,	
	3800		
	3900		
	4000		

DEPTH.	TEMP.	NO, OF THER,	COR,	COR, TEMP.
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900				
1000				

4962. Dute 27 Aug. 06. Machine. Recl. Depth by Chart 36 pms.

Cor. +Shot or lead

Bottom

Bottom temperature No. of thermometer

Corrected temperature

Air 820 Surface 780

SOUNDING W	IRE.		DE DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN,	UP.
		0	2.53.45	3.22.
		100	2.59.10	3.19.
		200		
		300	2.70	753-1
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	Weather
	2700	Wind
	2800	See ( as 0.49)
	2900	Bar. >
	3000	The 19110
	3100	Chart
	3200	C ISO S. E. E.
	3300	I.At. 300 08" 11
	3400	Long. 1340 1620" E.
	3500	Tomana Shima St.
	3600	15.18 E(t), dist.9.5
	3700	, ( , ,
	3800	
	3900	
	4000	

EPTH.	TEMP,	NO, OF THER.	COR.	COR, TEMP.
25				
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800				
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1000				

wo. S. 1963. Date

Machine. Reel.

Turns Cor. + Depth 4

Depth Yofas by cht

Shot or lead

Bottom

260 Sity

Bottom temperature

No. of thermometer

1

Corrected temperature

Air 850

Surface .. 78°

Travl or dredge

SOUNDIN	SOUNDING WIRE.		DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN,	UP	
		0	3.40.20	4.06	
-		100	3.42.40	4.02	
		200			
		300	20	×1.	
		400			
		500			
		600			
		700			
		800			
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		1000	}		
		1100			
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		1600			
		1700			
1		1800			
		2000			
		2100			
		2200			
		2300			
		2400			

2500	
2600	1, 20 in U.
2700	Wind SW.
2800	Sea S.
2900	15, 220,03
3000	Theratta 840
3100	Chest House
3200	Circumite Circumi
3300	Int. 34.06' 15 1
3400	100 M. 10 0710
3500	Tomaga Stimes Lt
3600	1.1872 F, ( T.).
 3700	dist 11 mine
3800	
3900	
4000	

DEPTH.	TEMP.	NO. OF THER.	COR,	COR, TEMP.
25				
50				
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300			1	
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700				
800				
900				
1000				

4964 Date 27 14.06 Machine. Reel. Cor. + Depth 37 Am. Turns Shot or lead ? The said Sine Bottom fine gy S. M. 66.80 Bottom temperature No. of thermometer 108/13 Cor. -Corrected temperature 66.60 Air 80° Surface 82° DriftTrawl or dredge G' Flores ... SOUNDING WIRE. .....DREDGE ROPE. TURNS. DOWN, DOWN. 14, 40 0.6.20 11. 13.2 15 19:50 4.14. 6 11.10 : 0 1.7 100 200 = 40 7711 300 400 500 600 700

2-571

2500	
2600 . Weather &	
2700 W5nds	
2800 Sen 491	.7.
2900 Bar. \$ 20 496	
3000 The atta.	
3100 Clat	
3200 Corne P.SC SW	
3300 Lat. 341 5 6 2	1
3400 Long 1840 5:	
3500	11
3600 Domago Ahima	त्र
3700 55 5 1/8-	1.4
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3900	
. 4000	

EPTH.	TEMP.	NO, OF THER.	COR.	COR, TEMP
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[No. ] 4	961	Date -	ey m	1
	Machin			an
Turns	Cor. +		Depth /	11
Shot or lea	a 05	Lugar	Depth /	
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	iperature /			
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101. NOT

No. D. 4966 Date Cing 29/06

Lucas Machine. Reel. Lucas
Turns Cor. + Depth 290

Depth 290 / Shot or lead . I ble . 4 Sigsbe cup:

Bottom br. M., S. Hor.

Bottom temperature 4

No. of thermometer / 08/55

Corrected temperature 44.1°

Air 83° Surface 80°

S	DUNDING	G WIRE.		,	DREDGE RO	PE.	
wod	N. /	UP.		TURNS.	DOWN.	UP.	
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807. . . No. D. 4967 ... Date Our, 29, 1926. Lucas Machine. Reel. - Lucas Depth 244 Satin Cor. + Turns Shot or lead " of Light auch Bottom Bottom temperature 46 No. of thermometer 108 15-5- Cor. - 1' Corrected temperature 45.9" Air 8/° Surface Drift Trawl or dredge 9' - 3-6 SOUNDING WIRE. DREDGE ROPE. DOWN. / UP. TURNS. DREDGE ROPE. 71-509-46-45 0.9-52-30/0-39-45 42-40 .. 46-00 3:5 - 13 .. 100 45-10 43- 30 57-37 34-20 200 44-00 9-44-46 10-00-30 131-48 3300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800

2--571

2500
2600 Weather bes
2700 Wind E, X 76
2800 Lev S.
2900 . Oas 27.
3000 . 7-163 . 276 . 82°
3100. Course E.S.E.
3200 Chart 10, 2248
3300 dat. 33°26: 10"
3400 Long 135° 37' 20" &
3500 Osearings: - Shio
3600 Musaki Sight M. &
3700 E. dist. Sini.
3800
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DEPTH.	TEMP.	NO, OF THER,	COR.	COR, TEMP,
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No. W. 496. Date Chig. 2.

Sucas Machine. Reel.

Turns Cor. + Depth 2 ...
Shot or lead 35 lbs 4 Sign Cup Bottom da 24. 8. Su. 111, ..

Bottom temperature 46

No. of thermometer 10815-3. Cor. -,/

Corrected temperature 45.7'

Air &2° Surface 81° Drift

sounding wire.		1	DR	EDGE	RO	PE.	
DOWN. UP.	TURNS.		DOWN	. /	1	UP.	
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2900	Bar . 2991
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EPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP
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No. D. 4969 Date 29 Ang. 06 Luca Machine. Reel. Lucas Turns Cor. + Depth STT Shot or tead 35-4 & S.S. Cup. Bottom bn. JY. S. St. Bottom temperature 39° No. of thermometer 108/55 Cor. Corrected temperature 38.9 Air 82° Surface 80° Drift SOUNDING WIRE. DREDGE ROPE TURNS. DOWN. DOWN. 1. \*\* . 0. 1.000 1. 26.00) 2: x 00.00 22.05 100 X X / / / / / 29 45 31.15 43.00 46.10 ., 200 .7.... 2 . . . . . 1/1.00 300 29.00 11 0% 14.5 13. 15 400 5. T. US 38.35 1 1.70 500 1. 16.25 1.27.40 . 3.00 7)600 55.20 31.50 700 57.15 29.60 800 2.00.10 25.5 900 2.02.352:22:35 1000 1100 1200 . 1300 x 550 (2) 700,0 1400 out sag wire until ...1500 2.21.40, 4 navigate 1600 Chico or tertino 1700 dicelar mire'. 1800 1900 74 32 1-37 10- CE 2000 veering the oge rope 2100 to minter ship oles. 2200 vermen. 2300 1.39.10 2400

2500	#. T. \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
2600	7/ Pez 2
2700	Wind Ely N-ES
2800	Sin S.
2900	Bar 29.88
3000	540
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3200	Come the minute
3300	Dat. 330 230 45%
3400	.T. 130 33' .E.
3500	Shio Misoki Lt.
3600	N 770 5 71 -12
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DEPTH.	TEMP.	NO, OF THER,	COR.	COR. TEMP
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Crate 1 . 4969 A Date 20 Ting. Ch Machine. Recl. Cor. + Depth Turns Shot or lead To Sdg. Bottom Bottom temperature No. of thermometer .. Cor. Corrected temperature Air 6/- Surface 80 - Drift Trawl or dredge Inte, Nel. 5. 754 NED. DREDGE ROPE. SOUNDING WIRE. TURNS. DOWN. 3.08.25 3.54 3. 0 .. 11.25 02.50. 100 14.75 47.00 200 17.00 43.10 300 3.19.45 3.39.45 400 500 Torred 20 min. at 600 an ootid depth 700 of 300 Ford 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000

	2500	
	2600	Weather 12 2.
	2700	772ms 55 5 3.
	2800	Sen. S.
	2900	Bar 29.86
	3000	The arts 1840
	3100	Chart 5.0.22/8
	3200	Compage ESE.
	3300	· ····· ) //- a.
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	3500	of at the line
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DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP,
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No. 10. 40 mo Date Cug. 30, Lucas Machine. Recl. Lucas

Turns Cor. + Depth 50

Shot or lead 35 # 4 Sizebe out Bottom br. M. Ok.

Bottom temperature 39.2

No. of thermometer 10813-5

Corrected temperature 39.10

Air 85° Surface 81° Drift

SOUNDING WIRE.		DREDGE	ROPE.
DOWN. UP.	TURN	S. DOWN.	T
1.1.1.1.	21.	1 700	
V120.0 . 744	0 0 100	01-11	
36-00 43-	10 200	37	,
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3900	
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DEPTH.	TEMP,	NO, OF THER.	COR.	COR. TEMP.
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No. KU4971	Date .
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Machine. Recl.

Depth 649 20 Turns Cor. +

Shot or lead 35 4 4

Bottom La

Bottom temperature 38.2°

No. of thermometer 108155 Cor. - 10

Corrected temperature

Air &4° Surface 81° Drift

Trawl or dredge

	SOUNDI	NG WIRE.		1	1	DR	EDG	E RC	PE.
DO	WN.	UP.		TURNS.		DOWN			UP.
	2 .		u	0	, ,				
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3400	Ahio
3500	. Shio
3600	Misario Light.
3700	Misaki Kijtel. N 75° E. 9.6 min
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DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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D. 4972. Date 30 Fly 06. Inen Machine. Recl. Turns Cor. + Depth Shot or-lead-85- Jan C. S. Cu. Bottom Ju. Bottom temperature 39.90 No. of thermometer /08/55. Cor. Corrected temperature 34. Surface 182 " Drift Air 970 Trawl or dredge 9' F SOUNDING WIRE. DOWN. DOWN. 1.01.50 1.16.55 2.16.00 1.13:35 0 05.4 12.40 100 18.25 06.85 11.57 200 77.20 07. 45 24.17 300 07.1 08.45 10.15 27.30 04. 1.09.05 1.00.5 29.55 2.01. 440500 32.30 08.10 600 1.35.15 1.55.1 , 700 800 900 1000 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2400 2-571

		2500	
		2600_	Wenther bog. 1
		2700	Winther boz. 1.
		2800	Sen C.
		2900	13ar. 29.88
		3000	Thec. a. 82°
		3100	11. 1 HO. 22
		3200	· WNW
		3300	Just Color
		3400	Long. 135
		3500	Shio Misi
		3600	N 800 5 80
_	-	3700	1. Emil.
-		3800	
		3900	
		4000	

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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1000				

No. L. 4972 Date is , Classian Machine. Reel. Litters

Turns Cor. + Depth 600 A

Shot or lead 35 # & S.S. Cup.

Bottom ... En. M. St.

Bottom temperature 3893

No. of thermometer 108/15. Cor. - . /

Corrected temperature 38°. Z

Air 82° Surface S) Drift

Trawl or dredge 91 A . :

. SOUNDI	NG WIRE.		. DREDGE ROPE.		
DOWN.	UP,	TURNS.	DOWN.	UP.	
	5 /	0	2	,	
	1.15	100		,	
n* >	t ',: ,	200	£.00.		
/···	6'	300	5.00		
2.00	1/:	400	( '**	2	
	( ·	500	08.15		
( , . ,	2.1.	. 600	1.7.5		
		700	4.19	4,	
		800	1-15		
1		900	2.00		
		1000 .		· , · · >,	
		1100			
		1200	:301		
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2500	Expense a terrorise and declinations.
2600	Wenthy bez.3.
2700	
2800	Ser
2900	13m. 29.85
3000	The att 840
3100	Chart 71.0.2248.
3200	وسيد عبد ناف و يوندان الاوقية الميانية . ال الايان و الاعتباء
3300	Int. 33° 24'15" TV
3400	Long. 1350 30'30" E
3500	Ship Mische Lt.
3600	1 82° E (tr.), dest.
3700	12.5 miles
3800	
3900	
4000	

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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1771 Date 3/ Aug.

Machine. Reel.

Turns Cor. +

Depth

Shot or lead 60 - 4 x S. S. Cup. Bottom on on The

Bottom temperature

No. of thermometer 109019 . Cor.

Corrected temperature 36%

Air & Surface 62

SOUNDING WIRE.		TURNS.	DREDGE ROPE.		
DOWN.	UP.	TURNS,	DOWN.	UP.	
	1111.7	0	F. 1	10.59.5	
	1,177	100	4 1	56.4	
	0-15	200	1.=,=	itt.	
8.4	1 . (.)	300	1.0	17	
2	-11-	400	. 12 . 00	67 .	
	·/** 1	500	4.35	!/* /	
31/		600	27.00	42.5	
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	4	800		76.1	
37.55	Milo	900	. 1	32.	
7		1000	16.40	27.	
		1100	19.00	7.7.	
		1200	71.20	11	
		1300	24.12	1.	
		1400	21.00	4),	
		1500	141	1-	
		1600 .	1. 00. (1)	10.02	
		1700	= 30-	27.	
		1800			
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		2000			
		2100			
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		2300			

 2500	R.L.	6.4
2600		·
2700	Tins.	Variable 1-
2500	Clar	S.
2900	prt.c.	21.87
3000	Then 10th	826
3100	2-6	1. 2248
3200		WWW
3300	33*	18'10" TV
3400	Long 135	4.1.75
3500		
3600	N25ºEG	r) dist
3700	8.9	
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4000		

DEPTH.	TEMP.	NO, OF THER,	COR.	COR, TEMP.
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No. 1 . 1 . 1 Date 3 / /

Machine. Reel.

Turns Cor. + Depth

Shot or lead IS Bottom on In France

Bottom temperature ).

No. of thermometer

Corrected temperature

Air Surface

7). \* 0

Traul or dredse

SOUNDING WIRE.		DREDGE ROPE.		
DOWN. DOWN.	TURNS.	DOWN.	UP.	
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	7 400			
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1	2500
	2600 Wather 5
	2700 - Wind
	2800
	2900
	3000
	310d Course !!
	3200 Chart xile, 22.
	3300 2/ 30
	3400 200 35° 38° 5
	3500
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	3700 71. 490 8. 7.
	3800
	3900
	4000

DEPTH.	темр.	NO. OF THER.	COR,	COR, TEMP.
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No. 2 Date 1 Feet & h.

Machine. Reel.

Turns Cor. +
Shot or lead

Depth / · Can

Bottom An 13

Bottom température

No. of thermometer /

Corrected temperature 34 Surface

SOUND	ING WIRE.		DREDGE ROPE.
DOWN.	UP.	TURNS.	DOWN./ UP.
	-1 -	0	1 211.004- 08
	-	100	- FY. CL . OS.
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		300	1040 3-9
	- 1	400	1620 56
	34	500	1.1.00
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		800	0610 43
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	3.400	. 18	5.35.31
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DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
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No. 10. 4977 Date C

Machine. Reel.

Cor. + Turns

DepthShot or lead 35 ft x S.S.C.

Bottom fr. Th. . d. Bottom temperature / 3 9 4

No. of thermometer 1080

Cor.

Corrected temperature 3 k.90

Air 890 Surface

Drift

	47	Surfe		Drift	
Trawl	or dree	lge 9'C	Daano!		
9	OUNDING	WIRE.	TURNS.		E ROPE.
DOV	VN.	UP,	TURNS.	DOWN.	UP.
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3800		
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DEPTH.	TEMP.	NO, OF THER,	COR.	COR. TEMP.
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No. 1. 4978 Date Cing Machine. Reel.

Depth

Turns Cor. + Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor. Corrected temperature

Air 810 Surface 820 Trawl or dredge Ke

SOUND	DING WIRE.	TURNS.	DREDGE ROPE.
DOWN,	UP.	TURNS.	DOWN, UP,
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		2300	
2-571	1	2400	

2500	w.f.
2600	Weather So 6
2700	
2800	-dea
2900	Bas 29.74
3000	Theratt Fit
 3100	Course 6.71.6.
3200	Chart x 6, 3268
3300	Lat 330 24' 50" 21
3400	/35° 56' E.
3500	
3600	Tucking
3700	71.4900 50
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DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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No. 1. 1 Date / Sept. 06 Lucy Machine. Recl. Z Turns Cor. + Depth 943 Shot or lead 35 Th & S.S. Cays. Bottom In M. fre. S. Fr. Bottom temperature No. of thermometer 108019 . Cor. 36:4 Corrected temperature Air 82° Surface 82° Drift Trawl or dredge q' Agass 23. SOUNDING WIRE. On- DREDGE ROPE. TURNS. DOWN, DOWN. 1:0 8.00.00 5.12.31 10.74 0 46.30 08.00 18.30 31.75 . 100 .... 07.10 200 2/20 28,55 1 ... 14 2010 300 74. 45 ...05.20 27.00 23.20 400 17.00 04.75 20.20 500 32.15 17.15 ..600 700 37.40 ST. 00 01.30 11.15 800 57.10 8.00.20 08.05 . 40,00 900 42.10 1000 48.00 10.01.20 IIOO 17.:5 -7. . . . 1200 53.45 50.00. 1300 53.00 50.00 1400 JT. 48 46.20 1500 18.30. 42.30 1600 71.50 1700 9.04.10 9:39:10 1800 1900 = 30 min 2000 Net came up 2100 Funt - bottom' 2200 Erme Thrown 2300 2400 Fill this Disferso 1.

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Machine. Recl.

Turns Cor. +

Depth 

Bottom In /2

Bottom temperature

No. of thermometer 10 1 0 1 Cl Cor.

Corrected temperature 36

Air Surface Drift

Trawl or dredge

SOUNDING			DREDGE R	OPE.
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49 1 Date / 1

Machine. Reel.

Cor. + Turns. Shot or lead \_ 3

Depth

Bottom ' Bottom temperature

No. of thermometer 10 /

Corrected temperature

Air Surface

SOUNDI	NG WIRE.		DREDGE	ROPE.
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No. 10:4981 Date Sept 17 Lucas Muchine. Reel. Lucas . Depth 406 father Cor. + Turns. Shot or lead 35" & Sigebel cup Bottom gw. M. Bottom temperature 32.8 No. of thermometer / 0 8 /33 Cor. - / 6 Corrected temperature 32.7° Air 67° Surface 68° Drift Trawl or dredge SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. QUE. UP. DOWN. 7-46-307-54-20 0 47-30 53-40 .. 100 48- 25 3-00 200 19 10 10-26 400 - 10 - 207 500 600 700 800 900 1000 1100 1200

2-571

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No. D. 4982 Date
Lucas Machine. Reel. Lucas.

Depth 390 fath Shot or lead 35 4 2

Bottom gw. Wi.

Bottom temperature 32

No. of thermometer 10 81374

Corrected temperature .32.7

Air 66° Surface 68°

SOUNDING WIRE.		DREDGE ROPE.
DOWN, UP.	TURNS,	DOWN AND THE UP.
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3-50 16.	15 300	30-20 9
4- 45 9-15	30 400	33-15 6
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DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP
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No. D. 4983 Date Sept 19- 19 6 Lucas Machine. Reel. Lucas Depth 428 Lith Cor. + Turns Shot or lead 35 th of Sigsbe cuch. Bottom an. M. Bottom temperature 32.8° No. of thermometer 10815-5- Cor. -./ Corrected temperature 32.7° Air 60° Surface 68° Drift Trawl or dredge SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. A. V. UP. DOWN. UP. 0-31 10.10 10-112-15/1- 31 30 35 18 100 . 10 187-138 200 11-12 13 - 16 33. 36 83 300 1/:--1.21 1: 1: 36-10 400 6.2 4 10.35 42 3 . -500 17 3 13.31 00. 11. 10 600 700 21 1111 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200

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No. 7 Local Dute 10 Sect. 25.

Lucas Machine. Rebt. Lucas

Turns Cor. + Depth 248 force.

Shot or lead 35 x S.S. Curs.

Bottom gn. M.

Bottom temperature 33.°/

No. of thermometer 108/55, Cor. - . .

Corrected temperature 33°

Air 640 Surface 68" Drift

Trawl or dredge Q' Tag Ssiz

	reage 4	· Ali	.CS.7 2, ,	
SOUND	ING WIRE.	TURNS.	DREDGE	ROPE.
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Date 12 Let 0 J Lucas Machine. Reel. Turns Cor. + Depth 224 Rug Shot or lead & File & S. . . Colly Bottomgn. M. (2) Bottom temperature 33:2 No. of thermometer 98244 Cor. Corrected temperature 330/ Air 660 Surface 690 Trawl or dredge 91 599 assis Bon SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN, DOWN, UP. 2.13.00 2.77.10 3.05.80 2.19.00 0 13.50 18.00 29,55 3.02.30 100 14.45 16,57 27.40 200 59.75 2. . 1. 75 2501 2.16,20 30.20 56.75 400 2.33.00 7.17.10 500 600 = 20 min. 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 9-571

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4. F. C. C. C. C. C. C. C. C. C. C. C. C. C.	2900 8000
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	3200 Course PSC SE.
	3300 Int 430 5120"N.
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_	3500 Kaneri 21 10.130 - 1200
	3600 N.17ºE. (1), dit. 15.2
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DEPTH.	TEMP.	NO. OF THER.	COR,	COR, TEMP,
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No. 1 4886 Date 10 ..... Machine. Reel. Lucas Cor. +Turns Depth 172 forms, Shot or lead 35 / & S.S. Cup . ... Bottom fire the S ble Bottom temperature No. of thermometer Cor.Corrected temperature Air 68 Surface Drift Trawl or dredge 9' - SOUNDING WIRE. F. DREDGE ROPE. TURNS. DOWN. UP. DOWN, 3. : 3.00 3. -: .. .51.00 0 1. 7. 100 72 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200

2300

2500	19.2.	4.2.7
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No. 4987 Date Left 20/06 T.M. Machine. Reel. T. M. Turns Cor. + Dopth 5-9 4

Shot or lead 30 # Mad.

Bottom sky.

Bottom temperature 45.0°

No. of thermometer 108019 Cor. - , 2

Corrected temperature 44.8

Air 78° Surface 68° Drift

Trawl or dredge & Tangle sunte.

SOUNDING WIRE.	m	DREDGE ROPE.
DOWN. AM. UP.	TURNS.	DOWN. A. M. UP.
36-10 9-38-10	1-0	9-59-2010-20
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# REMARKS:

Let out 42 fath were with towaler witacher.

No. 1 2 Date Sept 20/06 Machine. Recl. 1.12 Depth 68 Lather Turns Cor. + Shot or lead 30 lbs Bottom S. Bottom temperature 45.10 No. of thermometer 108/55 Cor. Corrected temperature 45-0 Air 78° Surface 70° Drift Trawl or dredge 9' ( Markette SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. ... UP. DOWN. 11-3-2011-5-00 1-08 0 1/1 21 10 0 100 12-00 33-15 11-4-25-11-4-35 11-12-45-11-32-45 120 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1000 1700 1800 1900 2000 2100 2200 2300 2400 9-571

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DEPTH,	TEMP.	NO, OF THER.	COR,	COR, TEMP.
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1. 4640 Date - 10 Coc. 05 Machine. Recl. Turns Oul Cor. 4 - 5 : Depth Shot or lead long Shunk 30% Bottom Bottom temperature 39.8 No. of thermometer /08/13 Cor. Corrected temperature Air 740 Surface DriftTrawl or dredge 9' SOUNDING WIRE. DREDGE ROPE. DOWN. 1.04.00 1.07.20 1. 11.00 1. 12. 0 . 04 . 1. 05.05 300 = 2 0 mi 400 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1000

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3500	Taracara Zan
3600	S. 30-1, 15/ 15/2
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DEPTH.	TEMP.	NO. OF THER.	COR,	COR, TEMP,
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No. 11 11990 .. Date 21 Liex 06 Machine. Recl. Turns Cor. +Depth Shot or lead Bottom Bottom temperature No. of thermometer Cor. Corrected temperature AirSurface Drift Trawl or dredge . . . . SOUNDING WIRE. TURNS. DOWN. DOWN: //2 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000

## SERIAL TEMPERATURES.

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No. 10 4991 Date Legar Constant Strong Cor. + Dopth 325 - Leth.

Shot on load 35 4 Legar Cut

Bottom gariffy

Battom temperature 33,1°

No. of thermometer 9.8244 Cor. -/

Corrected temperature 33.00

Air 66° Surface 67° Drift
Trawl or dredge 9' Co

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	2800	- 10
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DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
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807. ST No. 10. 4992 Date Sept. 22

Machine. Reel.

Turns Cor. + Depth

Shot or lead

DOWN.

Bottom

Bottom temperature No. of thermometer

DREDGE ROPE.

agazzo:

Corrected temperature

Trawl or dredge SOUNDING WIRE.

Air 660 Surface 660 Drift

UP,

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	3500	Longon	40° 49'10
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	3700	Shine (	al Nucu
	3800	Rebun %	72, 4.30
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DEPTH.	TEMP.	NO. OF THER,	COR.	COR, TEMP
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No. 10, 4993 Date 14 22/06

Lucas Machine. Recl. Lucas

Cor. +

Depth 142 14

Shot or lead 35-# 4

Bottom grante of

Bottom temperature 35. 2

No. of thermometer 9834 Cor. -. 1

Corrected temperature 337

Air 66° Surface

Trawl or dredge T'llefices

SOUNDING WI	RE.		DREDGE	ROPE.
DOWN,	UP.	TURNS.	DOWN.	UP.
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DEPTH.	TEMP,	NO, OF THER,	COR.	COR. TEMP.
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Machine. Reel.

Turns Cor. + Depth 190 from.
Shot or Lead 35 ft & S. S. Cap
Bottom b. M. fre. bk. S.

Bottom temperature 34.1

No. of thermometer 108/55 Cor.

Corrected temperature 340

Air 66° Surface 67° Drift

Travel or dredge 9' Flags 52

SOUND.	1	TURNS.	· DREDGE R	
DOWN.	UP.	10,11111	DOWN.	UP.
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	2800	Sce M.
	2900	18-11-14 2011 (20
 	3000	Chart 40.712
	3100	Course ESE
	3200	Int 4507740"N
1	3300	Zny 1400 4'00" E
	3400	Domasir Shinn
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	4000	

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP
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(15%	4995	Date =	22 Ses.	1906.
Inca	Machin	e. Re	sel.	
Turns	Cor. +		Depth 8	La Fino.
	35f			/
Bottom	6x.8. F	3		
Bottom tem	perature	43.0	5	
No. of therm	nometer	10815	Cor.	/
Corrected te	mperature	. 43.	4	
Air 67	o Surfa	ce 6	7° Drift	
Trawl or dr	edge 9	Aga	sszig.	
SOUNDI	NG WIRE.	THENS	DREDGE	ROPE.
DOWN.	941	13 May 1	2011211	071
2.06.33			7.44.30	
7.38.00	7.38.50			12.00
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.

1	2500	P.L.	57.5
-	2600	Weather	Tom 9.
	2700	Winh	5.S.W.4.
	2800	Sew	TH
	2900	Anerois	29.80
	3000	Chart	HO. 2124
V	3100	Corne PSC.	East.
	3200	Int. 450	33'40"
	3300	Zong. 1400	24,00 " E
	3400	Bonismi	Shima
2	3500	529°E/	En), dist
	3600	J. 8 mile	0
	3700		
	3800		
	3900		
*	4000		

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
0001				

### REMARKS:

Continued in our next

No.

Date

Machine. Reel.

Turns Cor. +

Depth

Bottom

Shot or lead

Bottom temperature No. of thermometer

Cor.

Corrected temperature

2-571

Surface

Drift

SOUNDIN	G WIRE.		DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN,	UP.
		0		
		100		-10
		200		-
		300		
		1		
		400		
		500		
-				
		600		
		700		
		800		
		500		
		900		
		1000		
-				
		1100		
-		1200		
		1300		
		1400		
		1		
		1500		
		1600		
		1700		
		1800		
		1900		
		1900		
		2000		
		2100		
		- 5		
		2200		
		2300		
571		2400		

215-45

Kohl maise

2.20 468 60 TOSE